

Storm Data and Unusual Weather Phenomena - February 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
KENTUCKY, Northeast				
BOYD COUNTY --- ASHLAND [38.47, -82.63]				
	02/06/08 03:00 EST		0	Thunderstorm Wind (EG 50 kt)
	02/06/08 03:00 EST		0	Source: Emergency Manager
Several trees were blown down.				
GREENUP COUNTY --- SOUTH SHORE [38.72, -82.97]				
	02/06/08 03:00 EST		2K	Thunderstorm Wind (EG 50 kt)
	02/06/08 03:00 EST		0	Source: Public
A roof to a mobile home was damaged.				
BOYD COUNTY --- ASHLAND [38.47, -82.63]				
	02/06/08 06:03 EST		0	Thunderstorm Wind (EG 50 kt)
	02/06/08 06:03 EST		0	Source: Law Enforcement
LAWRENCE COUNTY --- BLAINE [38.03, -82.83]				
	02/06/08 06:05 EST		0	Thunderstorm Wind (EG 50 kt)
	02/06/08 06:05 EST		0	Source: Department of Highways
LAWRENCE COUNTY --- LOUISA [38.12, -82.60]				
	02/06/08 06:05 EST		0	Thunderstorm Wind (EG 50 kt)
	02/06/08 06:05 EST		0	Source: Department of Highways
LAWRENCE COUNTY --- YATESVILLE [38.15, -82.68]				
	02/06/08 06:05 EST		0	Thunderstorm Wind (EG 50 kt)
	02/06/08 06:05 EST		0	Source: Department of Highways
Trees fell across Route 3.				
A squall line, moving 50 to 60 mph, plowed through northeast Kentucky during the late night hours. This line was well ahead of a strong cold front. Even though the line of thunderstorms had weakened from the evening hours, wind damage was still common. Downed trees were widespread. This event could be labeled as a progressive derecho. Behind this initial line, a few thunderstorms formed toward dawn and became severe.				
OHIO, Southeast				
ATHENS COUNTY --- ALBANY [39.23, -82.20]				
	02/06/08 02:50 EST		0	Thunderstorm Wind (EG 50 kt)
	02/06/08 02:50 EST		0	Source: Department of Highways
ATHENS COUNTY --- NELSONVILLE [39.47, -82.23]				
	02/06/08 02:50 EST		0	Thunderstorm Wind (EG 50 kt)
	02/06/08 02:50 EST		0	Source: Department of Highways
ATHENS COUNTY --- COOLVILLE [39.22, -81.90]				
	02/06/08 02:55 EST		0	Thunderstorm Wind (EG 50 kt)
	02/06/08 02:55 EST		0	Source: Department of Highways
MORGAN COUNTY --- MC CONNELSVILLE [39.65, -81.85]				
	02/06/08 03:00 EST		0	Thunderstorm Wind (EG 50 kt)
	02/06/08 03:00 EST		0	Source: Department of Highways
PERRY COUNTY --- CORNING [39.60, -82.08]				

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	02/06/08 03:00 EST		0	Source: Department of Highways

PERRY COUNTY --- SHAWNEE [39.60, -82.22]

02/06/08 03:00 EST	0	Thunderstorm Wind (EG 50 kt)
02/06/08 03:00 EST	0	Source: Department of Highways

WASHINGTON COUNTY --- BEVERLY [39.55, -81.63]

02/06/08 03:15 EST	0	Thunderstorm Wind (EG 50 kt)
02/06/08 03:15 EST	0	Source: Department of Highways

A squall line raced through southeast Ohio at 50 to 60 mph during the late night hours. The line was weakening, compared to earlier that night and further to the southwest. However, trees were still blown down.

(OH-Z067) MORGAN

02/11/08 23:15 EST	0	Winter Storm
02/12/08 11:45 EST	0	

Snow spread north into southeast Ohio during Monday evening, the 11th. The snow accumulated 1 to 3 inches before changing to some freezing rain toward dawn on the 12th, then eventually to spotty light rain later on the 12th. A quarter inch of ice from freezing rain accumulated in Morgan County with less elsewhere.

(OH-Z083) JACKSON, (OH-Z085) MEIGS, (OH-Z086) GALLIA

02/20/08 06:00 EST	0	Winter Weather
02/20/08 15:00 EST	0	

Out ahead of a clipper type low pressure, a west to east band of snow accumulated 2 to 4 inches across Jackson, Meigs, and Gallia Counties.

VIRGINIA, Northwest

(VA-Z003) DICKENSON, (VA-Z004) BUCHANAN

02/26/08 22:00 EST	0	Winter Weather
02/28/08 04:00 EST	0	

In the wake of a low pressure storm system, upslope snow showers started during Tuesday night, the 26th, and continued into Thursday, the 28th. Deep moisture was in place with cloud tops to 10,000 feet, along with cyclonic flow.

Accumulations of 2 to 4 inches were common across Buchanan and Dickenson Counties.

(VA-Z003) DICKENSON, (VA-Z004) BUCHANAN

02/01/08 00:00 EST	0	Drought
02/23/08 07:00 EST	0	

The waning drought from 2007, saw its classification improve out of the D2 category during the month. Near normal precipitation amounts of 2.5 to 3.5 inches were common.

WEST VIRGINIA, West

(WV-Z046) POCAHONTAS

02/01/08 00:30 EST	0	Ice Storm
02/01/08 09:00 EST	0	

Rains of 0.3 to 0.50 fell during the late night and early morning hours with temperatures in the upper 20s and lower 30s. As a low pressure storm lifted north, through the lower Ohio Valley, upslope low level flow was from the east and southeast. This aided in keeping temperatures at or below 32 degrees.

As a result, ice accumulations of a quarter inch were common throughout the county during the predawn and dawn hours. On the top of

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the mountain at Snowshoe, the ice accumulation from the freezing rain reached upwards of an inch.				
County officials reported no major power outages.				
Rains continued during the day on the 1st, but temperatures rose above freezing for most areas.				
CABELL COUNTY --- 0.8 SSW WILSON [38.41, -82.33]				
	02/06/08 03:00 EST		0	Thunderstorm Wind (EG 50 kt)
	02/06/08 03:00 EST		0	Source: Department of Highways
Trees were knocked down around the community of Pea Ridge.				
CABELL COUNTY --- BARBOURSVILLE [38.42, -82.28]				
	02/06/08 03:05 EST		0	Thunderstorm Wind (EG 50 kt)
	02/06/08 03:05 EST		0	Source: Department of Highways
CABELL COUNTY --- 0.8 E HUNTINGTON [38.42, -82.45]				
	02/06/08 03:18 EST		5K	Thunderstorm Wind (EG 50 kt)
	02/06/08 03:18 EST		0	Source: Emergency Manager
A portion of a roof was blown off a building.				
BOONE COUNTY --- JULIAN [38.15, -81.85]				
	02/06/08 04:00 EST		0	Thunderstorm Wind (EG 50 kt)
	02/06/08 04:00 EST		0	Source: Department of Highways
JACKSON COUNTY --- 2.1 SSE RIPLEY [38.79, -81.68]				
	02/06/08 04:00 EST		0	Thunderstorm Wind (EG 50 kt)
	02/06/08 04:00 EST		0	Source: Emergency Manager
Trees were blown down at the Cedar Lakes Conference Center.				
LOGAN COUNTY --- CHAPMANVILLE [37.98, -82.02]				
	02/06/08 04:00 EST		0	Thunderstorm Wind (EG 50 kt)
	02/06/08 04:00 EST		0	Source: Department of Highways
KANAWHA COUNTY --- (CRW) YEAGER ARPT [38.37, -81.60]				
	02/06/08 04:01 EST		0	Thunderstorm Wind (MG 50 kt)
	02/06/08 04:01 EST		0	Source: ASOS
BOONE COUNTY --- SYLVESTER [38.02, -81.57]				
	02/06/08 04:05 EST		0	Thunderstorm Wind (EG 50 kt)
	02/06/08 04:05 EST		0	Source: Department of Highways
CLAY COUNTY --- CLAY [38.47, -81.08]				
	02/06/08 04:30 EST		0	Thunderstorm Wind (EG 50 kt)
	02/06/08 04:30 EST		0	Source: Department of Highways
NICHOLAS COUNTY --- 2.0 NNE CRAIGSVILLE [38.36, -80.64]				
	02/06/08 04:30 EST		0	Thunderstorm Wind (EG 50 kt)
	02/06/08 04:30 EST		0	Source: COOP Observer
MINGO COUNTY --- DINGESS [37.87, -82.18]				
	02/06/08 08:00 EST		0	Thunderstorm Wind (EG 50 kt)
	02/06/08 08:00 EST		0	Source: Post Office
KANAWHA COUNTY --- GALLAGHER [38.17, -81.40]				
	02/06/08 08:25 EST		2K	Thunderstorm Wind (EG 50 kt)
	02/06/08 08:25 EST		0	Source: Public

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A home was damaged.				
A weakening squall line, during the late night hours, was still strong enough to cause wind gusts in the 55 to 65 mph range. Trees were blown down, along with some damage to a few buildings.				
(WV-Z009) WOOD, (WV-Z015) KANAWHA, (WV-Z035) RALEIGH, (WV-Z047) RANDOLPH				
	02/10/08 00:10 EST		40K	Strong Wind (MAX 49 kt)
	02/10/08 18:30 EST		0	
(WV-Z031) HARRISON				
	02/10/08 00:15 EST		10K	High Wind (MAX 52 kt)
	02/10/08 18:00 EST		0	
Wind gusts of 40 to 60 mph were common the early morning hours through the afternoon across much of West Virginia. Yet, only a few counties actually reported damage associated with these winds.				
The initial strong winds were associated with a cold frontal passage. A second surge of stronger winds occurred during this Sunday afternoon, as strong cold air advection combined with partial sunshine. This allowed for an efficient downward transfer of momentum from the winds aloft. Scattered locations had trees blown down, with evergreen trees being favored. Power outages also occurred.				
(WV-Z007) MASON, (WV-Z008) JACKSON, (WV-Z009) WOOD, (WV-Z010) PLEASANTS, (WV-Z011) TYLER, (WV-Z016) ROANE, (WV-Z017) WIRT, (WV-Z018) CALHOUN, (WV-Z019) RITCHIE, (WV-Z020) DODDRIDGE, (WV-Z027) CLAY, (WV-Z028) BRAXTON, (WV-Z029) GILMER, (WV-Z030) LEWIS, (WV-Z031) HARRISON, (WV-Z032) TAYLOR, (WV-Z037) NICHOLAS, (WV-Z038) WEBSTER, (WV-Z039) UPSHUR, (WV-Z040) BARBOUR, (WV-Z046) POCAHONTAS, (WV-Z047) RANDOLPH				
	02/20/08 07:00 EST		0	Winter Weather
	02/20/08 18:00 EST		0	
Out ahead of a clipper type low pressure, a west to east band of snow accumulated 2 to 4 inches across central West Virginia into the mountainous counties.				
(WV-Z033) MCDOWELL, (WV-Z034) WYOMING				
	02/26/08 21:00 EST		0	Winter Weather
	02/28/08 04:00 EST		0	
(WV-Z035) RALEIGH, (WV-Z036) FAYETTE, (WV-Z037) NICHOLAS, (WV-Z038) WEBSTER, (WV-Z046) POCAHONTAS, (WV-Z047) RANDOLPH				
	02/26/08 21:00 EST		0	Heavy Snow
	02/28/08 04:00 EST		0	

In the wake of a low pressure storm system, upslope snow showers started during Tuesday night, the 26th, and continued into Thursday, the 28th. Deep moisture was in place with cloud tops to 10,000 feet, along with cyclonic flow.

Accumulations of 4 to 8 inches were common, with localized amounts of 10 to 12 inches in the central mountains around Snowshoe, Point Mountain, and Craigsville. Further south, 1 to 4 inches were common across Wyoming and McDowell Counties.